

INFORMATION DISCLOSURE
CITATION

ATTY. DOCKET NO.

SERIAL NO.

2018-326

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Sugiura et al

FILING DATE

GROUP

August 9, 2000

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MAY 14 2003

PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4866409	9/1989	Umezaki			

FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
PTN	DE 3113743A1	10/1982	Germany				
	WO 93/13533	8/1993	WIPO				
	0388146 A1	9/1990	EPO				
	0738831 A2	10/1996	EPO				
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PTN	PATENT ABSTRACTS OF JAPAN, Vol. 007, No. 233 (E-204), 15 October 1983 & JP 58 122713A (Hanshin Electric KK), 21 July 1983
mn	PATENT ABSTRACTS OF JAPAN, Vol. 096, No. 005, 31 May 1996 & JP 08 017657 A (Nippondenso Co. Ltd.), 19 January 1996
mn	PATENT ABSTRACTS OF JAPAN, Vol. 010, No. 035 (E-380), 12 February 1986 & JP 60 192313 A (Nippon Denso KK), 30 September 1985
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mn	PATENT ABSTRACTS OF JAPAN, Vol. 018, No. 430 (C-1236), 11 August 1994 & JP 06 128471A (Toray Ind Inc); 10 May 1994
PTN	PATENT ABSTRACTS OF JAPAN, Vol. 096, No. 003, 29 March 1996 & JP 07 312839 A (Mitsubishi Electric Corp); 28 November 1995
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*Examiner

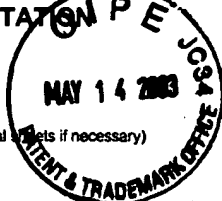
Date Considered

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Form PTO-FB-A820 (Also PTO-1449)

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TTN	5 416 459	5/16/95	IDA ET AL			
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*Examiner Tuyen Nguyen Date Considered 7/20/03

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